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CHECKLIST OF PSELAPHIDAE (COLEOPTERA)
KNOWN FROM GUATEMALA

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BULLETIN

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**CHECKLIST OF PSELAPHIDAE (COLEOPTERA)
KNOWN FROM GUATEMALA**

ORLANDO PARK
Northwestern University

There are 964 species, subspecies, and varieties of Pselaphidae known to inhabit the Neotropical Region. Of this number, 193 species are known from the adjoining countries of Mexico and Guatemala: 162 from Mexico and 54 from Guatemala. Of particular interest is the fact that of these species 23 are known from both countries. In other words, roughly half of Guatemala's pselaphid fauna occurs in Mexico and this is presumptive evidence that the Pselaphidae of these countries form a relatively homogeneous faunal unit. This zoögeographic hypothesis was suggested for pselaphids earlier (Park, 1943), and later work (Park, 1944, 1945) tended to substantiate this view.

The pselaphid fauna of Mexico is relatively better known than that of Guatemala. Since 1942, only 4 species have been added to those known from Guatemala (a gain of 8 per cent), while 51 have been added to those known from Mexico (a gain of 46 per cent) .

The same point can be made in another way, that is, by using the theoretical concept of taxonomic density (Park, 1942) whereby area is divided by species. Thus we find that since 1942 Guatemala's taxonomic density has increased from 1:964 to 1:893 while that of Mexico, with a far greater area, has increased from 1:6909 to 1:4672.

This is surely a relative condition, and requires chiefly additional study of the Guatemalan fauna. Such study is already under way and as a preface to future work on the pselaphids of this country, the following checklist has been prepared.

JUBININI

***Sebaga* (Raffray, 1890, p. 300)**

***scydmaenilla* (Sharp)**

Duciola scydmaenilla Sharp, 1887, p. 44, Pl. I, fig. 24.

Sebaga scydmaenilla Raffray, 1893, p. 53; 1903, p. 514; 1908, p. 29; Park, 1942, p. 48.

Type locality: Senahu, Guatemala.

Range: Panama Canal Zone to Guatemala.

***Jubus* (Schaufuss, 1872, p. 455)**

***aberrans* (Sharp)**

Duciola aberrans Sharp, 1887, p. 44.

Jubus aberrans Raffray, 1903, p. 517; 1908, p. 31; Park, 1942, p. 58.

Type locality: San Juan in Vera Paz, Guatemala.

EUPLECTINI

***Eurhexius* (Sharp, 1887, p. 41)**

***trimiodes* Sharp**

Eurhexius trimiodes Sharp, 1887, p. 43; Raffray, 1908, p. 127; Park, 1942, p. 81.

E. trimioides Raffray, 1903, p. 600; Fletcher, 1928, p. 204.

Type locality: Totonicapam, 8500 to 10,500 feet, Guatemala.

***Thesium* (Casey, 1884, p. 94)**

***obscurus* (Sharp)**

Apothinus obscurus Sharp, 1887, p. 36, Pl. I, fig. 19; Raffray, 1903, p. 551; 1908, p. 53.

Thesium obscurus Park, 1942, p. 93; 1943, p. 179.

Type locality: San Gerónimo, Capetillo, Guatemala.

***Euplectus* (Leach, 1817, p. 80)**

***guatemalenus* Sharp**

Euplectus guatemalenus Sharp, 1887, p. 36; Park, 1942, p. 101; 1943, p. 179-180, 207; 1945, p. 338.

Type locality: Dueñas, Guatemala.

Range: Dueñas, Guatemala to Huichihuyan, San Louis Potosi and in log mold at 3000 meters in the Desierto de los Leones range southwest of Mexico, D. F.

***solitarius* Sharp**

Euplectus solitarius Sharp, 1887, p. 37; Raffray, 1903, p. 574; 1908, p. 88; Park, 1942, p. 101.

Type locality: Cerro Zunil, Guatemala.

***Trimiodina* (Raffray, 1898, p. 231)**

***concolor* (Sharp) Genotype**

Trimium concolor Sharp, 1887, p. 37.

Trimiodina concolor Raffray, 1898, p. 231; 1903, p. 557; 1908, p. 67; Park, 1942, p. 108.

Type locality: Totonicapam, 8500 to 10,000 feet, Guatemala.

***Trimiopsis* (Reitter, 1882, p. 149)**

***clavicornis* Sharp**

Trimiopsis clavicornis Sharp, 1887, p. 39; Raffray, 1903, p. 560; 1908, p. 70; Park, 1942, p. 111.

Type locality: Senahu, Guatemala.

||

Trimiopsis femoralis Sharp, 1887, p. 39; Raffray, 1903, p. 560; 1908, p. 70; Park, 1942, p. 111; 1943, p. 181-182, 207.

Type locality: El Tumbador, Guatemala.

Range: El Tumbador, Guatemala, to Tezonapa, Veracruz, Mexico.

***Melba* (Casey, 1897, p. 565)**

***Perimelba* (subgenus, Park, 1943, p. 183, Pl. I, fig. 2)**

***mimula* (Sharp)**

Trimiopsis mimula Sharp, 1887, p. 38.

Melba mimula Raffray, 1903, p. 562; 1908, p. 73.

Melba (*Frontelba*) *mimula* Park, 1942, p. 117-118, 120.

Melba (*Perimelba*) *mimula* Park, 1943, p. 183.

Type locality: Capetillo, Guatemala.

***minuta* (Sharp)**

Trimiopsis minuta Sharp, 1887, p. 38, Pl. I, fig. 20.

Melba minuta Raffray, 1903, p. 562; 1908, p. 73.

Melba (*Frontelba*) *minuta* Park, 1942, p. 117-118, 120.

Melba (*Perimelba*) *minuta* Park, 1943, p. 183-184, 207.

Type locality: El Reposo, Guatemala.

Range: El Reposo, Guatemala to 3500 feet at El Fortin, Veracruz, Mexico .

BRACHYGLUTINI

***Reichenbachia* (Leach, 1826, p. 451)**

***celata* (Sharp)**

Bryaxis celata Sharp, 1887, p. 25.

Reichenbachia celata Raffray, 1904, p. 241; 1908, p. 240; Fletcher, 1928, p. 217; Park, 1942, p. 147; 1943, p. 208; 1945, p. 366-8.

Type locality: Guatemala City, Guatemala.

Range: Managua, Nicaragua; Guatemala City, Guatemala; Jalapa and Monte Alto, Veracruz; Ciudad Carmen, Campeche; Reforma and

Pocvicuc, Tabasco; Yagalaxi and Rancho Monter, Oaxaca, Mexico.

parviceps (Sharp)

Bryaxis parviceps Sharp, 1887, p. 25-26.

Reichenbachia parviceps Raffray, 1904, p. 235; 1908, p. 238; Park, 1942, p. 141; 1943, p. 208; 1945, p. 384.

Type locality: Cordoba, Veracruz, Mexico.

Range: Panama City, Panama; Paso Antonio, Guatemala; Cordoba, Veracruz, Mexico.

***intacta* (Sharp)**

Bryaxis intacta Sharp, 1887, p. 28.

Reichenbachia intacta Raffray, 1890, p. 311; 1904, p. 239; 1908, p. 239; Park, 1942, p. 142; 1945, p. 350, 383.

Type locality: Cahabon, 1000 feet, Guatemala.

***diversicornis* (Sharp)**

Bryaxis diversicornis Sharp, 1887, p. 28.

Reichenbachia diversicornis Raffray, 1904, p. 239; 1908, p. 239; Park, 1942, p. 143, 145; 1945, p. 384.

Type locality: Sabo, Vera Paz, Guatemala.

***serapha* Park**

R. serapha Park, 1945, p. 354-355, 387.

Type locality: Retalhuleu, 250 meters, Guatemala.

***sallaei* (Sharp)**

Bryaxis sallaei Sharp, 1887, p. 27, Pl. 1, fig. 13.

Reichenbachia Raffray, 1904, p. 239; 1908, p. 239.

R. sallaei Park, 1942, p. 143, 146; 1943, p. 208; 1945, p. 355-356, 381, 387, Pl. H, fig. 1-5; Pl. VII, fig. 14.

Type locality: Cordoba, Veracruz, Mexico.

Range: Volcan de Chiriqui, 2000 to 3000 feet, Panama; Cerro Zunil, Senahu, 4000 to 5000 feet, Guatemala; Retalhuleu, 250 meters, Guatemala; Suchiate, Mazatán, and Maravillas, Chiapas (sea level to 660 meters in the Sierra Madre del Sur) and Cordoba, Veracruz, Mexico.

***bicuspida* Park**

R. bicuspidata Park, 1945, p. 368-369, 382.

Type locality: Puerto de Ocos, sea level, Guatemala.

***gnatmalensis* Fletcher**

R. guatemalensis Fletcher, 1928, p. 214-215, Pl. XII, fig. 6; Park, 1942, p. 146; 1945, p. 357, 381, 387, Pl. VIII, fig. 1, 6.

Type locality: Lake Petén region, Guatemala.

Range: San Francisco and Miguel (Lake Petén region), Guatemala; Cardel, Veracruz; Tolosa and San Cristobal, Oaxaca; Balancán and Reforma, Tabasco, Mexico.

***nominata* (Sharp)**

Bryaxis nominata Sharp, 1887, p. 26-27.

Reichenbachia nominata Raffray, 1904, p. 242; 1908, p. 240; Park, 1942, p. 148; 1945, p. 369-371, 382, 386, Pl. VII, fig. 1-3.

Type locality: Dueñas, Guatemala.

Range: Dueñas, Guatemala; Juchitán, Oaxaca and Tonalá, Chiapas, Mexico.

***designata* (Sharp)**

Bryaxis designata Sharp, 1887, p. 29.

Reichenbachia designata Raffray, 1904, p. 242; 1908, p. 240; Park, 1942, p. 152; 1945, p. 382, 386.

Type locality: Las Mercedes, Guatemala.

? *crassipalpis* (Sharp)

Bryaxis crassipalpis Sharp, 1887, p. 26.

? *Reichenbachia crassipalpis* Raffray, 1904, p. 244; 1908, p. 241; Park, 1942, p. 152.

Type locality: Zapote, Guatemala.

? *impubis* (Sharp)

Bryaxis impubis Sharp, 1887, p. 32-33.

? *Reichenbachia impubis* Raffray, 1904, p. 244; 1908, p. 241; Park, 1942, p. 153.

Type locality: Tamahu, Guatemala.

***Panabachia* (Park, 1942, p. 153)**

***impressicollis* (Sharp)**

Bryaxis impressicollis Sharp, 1887, p. 30-31.

? *Reichenbachia impressicollis* Raffray, 1904, p. 244; 1908, p. 241; Park, 1942, p. 153.

Panabachia impressicollis Park, 1945, p. 389.

Type locality: San Juan, Vera Paz, Guatemala.

***Scalenarthrus* (LeConte, 1880, p. 135)**

***concavus* Fletcher**

Scalenarthrus concavus Fletcher, 1928, p. 207-208, Pl. XII, fig. 3; Park, 1942, p. 173; 1945, p. 402-403, Pl. I, fig. 10.

Type locality: Virgin forest in the Orange Walk district along the Rio Azul, Blue Creek, British Honduras..

Range: Buena Esperanza, northwest of Lake Petén, Guatemala; Blue Creek, British Honduras; Loma Bonita, Oaxaca, Mexico.

***globosus* Fletcher**

Scalenarthrus globosus Fletcher, 1928, p. 209, Pl. XII, *fig.* 2; Park, 1942, p. 173; 1945, p. 403, Pl. III, *fig.* 6.

Type locality: San Francisco, Lake Petén, Guatemala.

Range: Lake Petén area of Guatemala; Orange Walk area of
B and El Mante, Tamauli-
pas, Mexico.

***inflatus* Fletcher**

Scalenarthrus inflatus Fletcher, 1928, p. 210, Pl. XII, *fig.* 4; Park, 1942, p. 173; 1943, p. 208; 1945, p. 404, Pl. I, *fig.* 7.

Type locality: Veracruz, Veracruz, Mexico.

Range: Retalhuleu, Guatemala; Poocvicuc, Tabasco; Pacific Coastal plain up to 850 meters through the Sierra Madre del Sur of Chiapas; Gulf Coastal plain of Oaxaca, near San Cristobal and Rancho Monter, Oaxaca; Veracruz, Veracruz, Mexico.

***Pselaptus* (LeConte, 1880, p. 184)**

***batrisoides* Sharp**

Pselaptus batrisoides Sharp, 1887, p. 33, Pl. I, *fig.* 17; Raffray, 1904, p. 209; 1908, p. 210; Park, 1942, p. 175; 1945, p. 401.

Type locality: El Reposo, Guatemala.

***Mitona* (Raffray, 1904, p. 129)**

***simulatrix* (Sharp)**

Bryaxis simulatrix Sharp, 1887, p. 31-32.

? *Pselaptus simulatrix* Raffray, 1904, p. 210; Park, 1942, p. 175.

Pselaptus simulatrix Raffray, 1908, p. 210.

Mitona simulatrix Park, 1945, p. 395-396, Pl. V, *fig.* 4, 5, Pl. X, *fig.* 2, 3, 4, 7.

Type locality: Paraiso, Guatemala.

Range: Paraiso, Guatemala; Paso Canua, Tolosa, Chiltepec, and Rancho Monter in Oaxaca, and Húehuétan, Chiapas, Mexico.

***Cryphorhinula* (Schaufuss, 1887, p. 150)**

***oedipus* (Sharp)**

Bryaxis oedipus Sharp, 1887, p. 33.

? *Cryphorhinula oedipus* Raffray, 1904, p. 211; 1908, p. 215; Park, 1942, p. 180.

Cryphorhinula oedipus Park, 1945, p. 400, 404-405, Pl. VI, *fig.* 4-7.

Type locality: "Guatemala."

Range: Guatemala; San Cristobal and Rancho Monter in Oaxaca, Mexico.

***trimioides* (Sharp)**

Bryaxis trimioides Sharp, 1887, p. 32, Pl. I, fig. 16.

? *Cryptorhinula trimioides* Raffray, 1904, p. 211; 1908, p. 215; Park, 1942, p. 180.

Cryphorhinula trimioides Park, 1945, p. 400, 405, Pl. I, fig. 1-3.

Type locality: Zapote, Senahu, Tamahu, Guatemala.

Range: Zapote, Senahu, Tamahu in Guatemala; Tolosa; Tuxtepec, Los Pochotes, Chiltepec and Paso Canua in Oaxaca, Mexico.

***Decarthron* (Brendel, 1865, p. 30)**

***Decarthron* (subgenus, Park, 1942, p. 188)**

***cochlearifer* (Schaufuss)**

Bryaxis cochlearifer Schaufuss, 1879, p. 485.

Decarthron cochlearifer Sharp, 1887, p. 23; Raffray, 1904, p. 250; 1908, p. 250; Park, 1942, p. 198; 1943, p. 208.

Type locality: "Mexico."

Range: Cordoba, and Jalapa in Veracruz, Mexico; Calderas, Dueñas and Torola, Guatemala.

***complicatum* Fletcher**

D. complicatum Fletcher, 1928, p. 223-224, Pl. XII, fig. 17; Park, 1942, p. 199.

Type locality: Virgin forest northwest from Lake Petén, near San Miguel, Guatemala.

***restitutum* Sharp**

D. restitutum Sharp, 1887, p. 23-24; Raffray, 1904, p. 252; 1908, p. 251; Park, 1942, p. 199.

Type locality: Uncertain, probably in Guatemala.

Range: ? Amazon basin of Brazil; ? Nicaragua; Rio Naranjo, near Guatemala City, Rio Maria Linda, Torola and San Gerónimo in Guatemala; ? Cordoba, Veracruz, Mexico.

***similare* Sharp**

D. similare Sharp, 1887, p. 24; Raffray, 1904, p. 252; 1908, p. 251; Park, 1942, p. 199.

Type locality: Champerico, Guatemala.

***fallaciosum* Sharp**

D. fallaciosum Sharp, 1887, p. 23, Pl. I, **fig.** 12; Raffray, 1904, p. 252; 1908, p. 251; Park, 1942, p. 199; 1943, p. 208.

Type locality: Cordoba, Veracruz, Mexico.

Range: Cahabon, Guatemala; Cordoba, Veracruz, Mexico.

BATRISINI

***Arthmius* (LeConte, 1850, p. 91)**

***plicicollis* (Reitter)**

Batrisus Reitter, 1882, p. 376; Sharp, 1887, p. 16.

Arthmius plicicollis Raffray, 1897, p. 463, 492, 497, Pl. XVII, *fig.* 11; 1904, p. 72; 1908, p. 151; Park, 1942, p. 217, 230; 1943, p. 209; 1945, p. 405.

Type locality: Orizaba, Veracruz, Mexico.

Range: Cuidad Flores, Lake Petén area, Guatemala; Orizaba, Veracruz, Mexico.

***truncaticeps* (Sharp)**

Batrisus truncaticeps Sharp, 1887, p. 13.

Arthmius truncaticeps Raffray, 1897, p. 500; 1904, p. 73; 1908, p. 151; Park, 1942, p. 231.

Type locality: Guatemala City, Guatemala.

***castaneus* (Sharp)**

Batrisus castaneus Sharp, 1887, p. 13.

Arthmius castaneus Raffray, 1897, p. 503; 1904, p. 74; 1908, p. 152; Park, 1942, p. 231.

Type locality: San Juan, Vera Paz, Guatemala.

***simplicicornis* (Sharp)**

Batrisus simplicicornis Sharp, 1887, p. 12, Pl. I, *fig.* 6.

Arthmius simplicicornis Raffray, 1897, p. 475, 503; 1904, p. 74; 1908, p. 152; Park, 1942, p. 231.

Type locality: Guatemala City, Guatemala.

***Oxarthrius* (Reitter, 1882, p. 378)**

***Oxarthrius* (subgenus, Park, 1942, p. 241)**

***hamaticollis* (Sharp)**

Batrisus (Oxarthrius) hamaticollis Sharp, 1887, p. 16-17, Pl. I, *fig.* 5; Raffray, 1897, p. 437.

Batrisus (Oxarthrius) hamatus Raffray, 1897, p. 437, nec Sharp.

Oxarthrius hamaticollis Raffray, 1904, p. 77; 1908, p. 154.

Oxarthrius (Oxarthrius) hamaticollis Park, 1942, p. 242, 246.

Type locality: Las Mercedes, 3000 feet, Guatemala.

***Euphalepsus* (Reitter, 1882, p. 378-379)**

***centralis* Sharp**

E. centralis Sharp, 1887, p. 20; Raffray, 1904, p. 104; 1908, p. 184; Park, 1942, p. 258.

Type locality: San Gerónimo, Quiche Mountains at 7000 to 9000 feet, Guatemala.

TYCHINI

***Buris* (Fletcher, 1928, p. 227-228; emended, Park, 1943, p. 200)**

***brevicollis brevicollis* (Sharp)**

Dalmodes brevicollis Sharp, 1887, p. 39-40, Pl. I, *fig.* 21; Raffray, 1904, p. 299; 1908, p. 266.

Dalmoburis brevicollis Park, 1942, p. 269, 270.

Buris b. brevicollis Park, 1943, p. 201-202, 209, Pl. I, *fig.* 2, Pl. II, *fig.* 4-7.

Type locality: Coatepeque, 1300 feet, Guatemala.

Range: Coatepeque, Guatemala; Cordoba, Penuela and Tezonapa in Veracruz; and Huichihuayan in San Louis Potosi, Mexico.

PSELAPHINI

***Pselaphellus* (Raffray, 1908)**

***longiceps* (Sharp)**

Pselaphus longiceps Sharp, 1887, p. 34, I, *fig.* 18.

Pselaphus laeviceps Raffray, 1904, p. 331 (*nom. nov.*).

Pselaphellus longiceps Raffray, 1908, p. 308; Park, 1942, p. 287; 1945, p. 412.

Pselaphellus laviceps Raffray, 1908, p. 308.

Type locality: Paso Antonio, Guatemala.

HOLOZODINI

***Caccoplectus* (Sharp, 1887, p. 22)**

***celatus* Sharp Genotype**

C. celatus Sharp, 1887, p. 22, Pl. I, *fig.* 11; Raffray, 1904, p. 317; 1908, p. 317; Park, 1942, p. 288; 1943, p. 209.

Type locality: Zapote, Guatemala. (Range includes Mexico?)

CTENISTI NI

***Ctenisis* (Raffray, 1890, p. 141-143)**

***dispar* (Sharp) Genotype**

Desimia dispar Sharp, 1887, p. 2, Pl. I, *fig.* 1.

Ctenisis brevicollis Raffray, 1896, p. 272.

Ctenisis dispar Raffray, 1904, p. 358; 1908, p. 348; Park; 1942, p. 293; 1943, p. 209; 1944, p. 258.

Type locality: Cordoba, Veracruz, Mexico.

Range: Paraiso, at 300 feet, Guatemala; Cordoba in Veracruz, and Sabinas and Hidalgo in Nuevo Leon, Mexico.

TYRINI

***Hamotus* (Aube, 1844, p. 92)**

***Hamotus* (subgenus, Raffray, 1904, p. 435)**

***cavicornis* Raffray**

Hamotus (H.) cavicornis Raffray, 1904, p. 398, fig. 120; 1908, p. 399; Park, 1942, p. 315, 330.

Type locality: Guatemala.

***singularis* Reitter**

Hamotus singularis Reitter, 1882, p. 133; Sharp, 1887, p. 7.

Hamotus (H.) singularis Raffray, 1904, p. 402, 437; 1908, p. 400; Park, 1942, p. 315, 330; 1943, p. 209; 1944, p. 258; 1945, p. 413.

Type locality: Mexico.

Range: Bugaba between 800 and 1500 feet, and David, Panama; San Isidro at 1600 feet, Aceytuno, Capetillo, San Juan in Vera Paz, and Senahu, Guatemala; Cordoba, Veracruz and Pocvicuc, Tabasco and Huehuetan, Chiapas, Mexico.

***Hamotoides* (Schaufuss, 1887, p. 298; subgenus Raffray, 1904, p. 438) *difficilis* Sharp**

Hamotus difficilis Sharp, 1887, p. 5-6.

H. (Hamotoides) difficilis Raffray, 1904, p. 406, 438; 1908, p. 400; Park, 1942, p. 317, 331.

Type locality: Zapote, Guatemala.

***monachus* Reitter**

Hamotus monachus Reitter, 1882, p. 131-132; Sharp, 1887, p. 6.

H. (Hamotoides) monachus Raffray, 1904, p. 406, 438; 1908, p. 400; Park, 1935, p. 134; 1942, p. 317, 331; 1943, p. 210; 1944, p. 259.

Type locality: Yucatan, Mexico.

Range: Turrialba, Costa Rica; El Reposo, Zapote, Guatemala; Yucatan, Mexico.

***vicinus* Sharp**

Hamotus vicinus Sharp, 1887, p. 5.

H. (Hamotoides) vicinus Raffray, 1904, p. 406, 438; 1908, p. 400; Park, 1942, p. 317, 331.

Type locality: Capetillo, Guatemala.

***tritonus* Reitter**

Hamotus tritonus Reitter, 1882, p. 132-133; Sharp, 1887, p. 4-5

H. (Hamotoides) tritonus Raffray, 1904, p. 40⁷, 438; 1908, p. 400; Park, 1942, p. 318, 331; 1943, p. 210; 1944, p. 259.

Type locality: Ambalema, Colombia.

Range: Ambalema, Colombia; Bugaba, Volcan de Chiriqui, David in Panama; El Reposo, Zapote, San Isidro, Cahabon, San Juan in Vera Paz, Telemán, Panzós and La Tinta in Guatemala; Jalapa, Veracruz, Mexico (?).

***Pseudohamotus* (Raffray, 1890, p. 14a, 154)
latipalpis (Sharp)**

Hamotus latipalpis Sharp, 1887, p. 6.

Pseudohamotus latipalpis Raffray, 1904, p. 409, 439; 1908, p. 401; Park,

1942, p. 337.

Type locality: Zapote, Guatemala.

***Phalepsus* (Westwood, 1870, p. 131)
guatemalensis Park**

P. guatemalensis Park, 1945, g. 415.

Type locality: Retalhuleu, Guatemala.

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